

NERVE STIMULATION AND CONDUCTION BLOCK THERAPY

ABSTRACT OF THE DISCLOSURE

5 A treatment apparatus and method have a stimulation electrode adapted for
placement on a nerve of a patient at a stimulation site and a stimulation signal generator
for generating a stimulation signal at the stimulation electrode and selected to electrically
stimulate a nerve to induce bi-directional propagation of nervous impulses in a stimulated
nerve. The apparatus includes a blocking member for placement on the nerve at a
10 blocking site and creating localized conditions at the blocking site that at least partially
diminish transmission of nerve impulses past the blocking site.